

[illegible][illegible]

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Abstract

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(continued)

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1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

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1. *Staphylococcus aureus* (S. aureus) is a Gram-positive, spherical bacterium that is commonly found on the skin and in the nose of humans and animals. It is a facultative anaerobe, meaning it can grow with or without oxygen. S. aureus is known for its ability to cause a wide range of infections, including skin infections, abscesses, and food poisoning. It is also a common cause of hospital-acquired infections.



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